

Tide Clethodim 240 EC Herbicide and Tide Plant Guard

Post-Emergence Herbicide for Control of Grasses in Multiple Crops



Why Choose Tide Clethodim 240 EC?

- **Highly effective post-emergent control of annual and perennial grasses**
- **Systemic herbicide translocated to the growing points for complete control**
- **Flexible application rates for different levels of weed pressure**
- **Compatible with multiple tank mix partners**
- **Selective herbicide – safe for broadleaf crops**

Product Overview

Tide Clethodim 240 EC is a systemic, post-emergence herbicide that provides selective control of annual and perennial grasses in canola, soybeans, sunflowers, flax, onions, potatoes, pulses, and other crops. The active ingredient Clethodim (240 g/L) is absorbed through the leaves and moves to the growing points, ensuring effective and complete control of targeted grasses.

Key Product Details

- **Chemistry Group:** Group 1 Herbicide
- **Formulation:** Emulsifiable Concentrate (EC)
- **Active Ingredient:** Clethodim – 240 g/L
- **Mode of Action:** Lipid Biosynthesis Inhibitor – prevents new cell growth in grassy weeds

Crops of Usage

Tide Clethodim 240 EC is registered for use in the following crops:

- Canola
- Soybeans
- Sunflowers
- Flax
- Pulses (Lentils, Field Peas, Chickpeas, Faba Beans, Dry Beans)
- Potatoes
- Vegetables (Carrots, Red Garden Beet, Parsnip, Radish, Onion, Garlic, Dry Bulb Shallots, Spinach)
- Herbs & Spices (Coriander, Dill, Caraway, Basil, Fenugreek, Chive, Highbush Blueberry, Cranberry, Prairie Carnations)

Best Practices for Use

- Use clean, non-turbid water for mixing – muddy water reduces effectiveness
- Apply under warm, humid conditions for best results
- Rain fast within 1 hour – avoid application if heavy rain is imminent
- Use adjuvants such as Tide Plant Guard, Destinaire HSOC, or Journey HSOC
- Ensure complete spray coverage – systemic herbicide requires thorough leaf penetration
- Use flat fan nozzles for optimal coverage
- Avoid applying during extreme weather stress (drought, cold, or excessive heat)

Tank Mix Partners

Tide Clethodim 240 EC is compatible with:

- Broadleaf Herbicides (for additional weed spectrum control)
- Glyphosate-based products (for pre-seed and burndown applications)
- Adjuvants (Tide Plant Guard, Destinaire HSOC, Journey HSOC)

⊘ Avoid tank mixing with fertilizers unless recommended.

Packaging Sizes

- 3L Clethodim + 7.57L Tide Plant Guard
****CO-PACK****

Tide Plant Guard is a high-performance adjuvant designed to enhance the effectiveness of post-emergence herbicides by improving solubility, penetration, and spray coverage. Its advanced formulation maximizes pesticide absorption, ensuring better weed control while reducing environmental impact

Application Guidelines

APPLICATION RATES & WATER VOLUME

CROP	TARGET WEEDS	RATE (L/ACRE)	APPLICATION METHOD (US GAL/ACRE)	WATER VOLUME	TIMING
Canola, Soybeans, Sunflowers, Flax, Field Peas, Lentils	Wild Oats, Green Foxtail, Volunteer Barley, Volunteer Wheat	152 ML/acre	Ground & Aerial	Minimum 10 Gallons/acre Ground application OR Minimum 6 Gallons/acre Aerial application	Apply at 2-6 leaf stage of weeds
Carrots, Red Garden Beet, Parsnip, Radish, Spinach	Annual Grasses	76-152 ML/acre	Ground only		Apply post-emergence on weeds and crop
Potatoes, Onions, Garlic, Dry Bulb Shallots	Annual Grasses	152 ML/acre	Ground only		Apply at 1-4 leaf stage of crop
Chickpeas, Faba Beans, Dry Beans	Wild Oats, Green Foxtail, Barnyard Grass, Volunteer Cereals	76 ML/acre	Ground only		Apply before 9-node stage (18 cm crop height max)
Herbs & Spices (Coriander, Dill, Caraway, Basil, Fenugreek, Prairie Carnations, Chive, Highbush Blueberry, Cranberry)	Annual Grasses	76-152 ML/acre	Ground only		Apply at 2-5 leaf stage of crop
Non-Crop Areas	Annual & Perennial Grasses	152 ML/acre	Ground only		Apply when weeds are actively growing

Safety & Environmental Considerations

⊘ DO NOT apply by air for:

- Potatoes, Onions, Garlic, Dry Bulb Shallots
- Carrots, Spinach, Red Garden Beet, Parsnip, Radish

Use protective equipment: Gloves, coveralls, respirator, goggles

Buffer Zones Required:

- 1 metre for field sprayers
- Protect aquatic areas from drift

Observe Pre-Harvest Intervals (PHI):

- Canola, Peas, Lentils, Soybeans: 60-75 days
- Sunflowers: 72 days
- Onions, Garlic, Dry Bulb Shallots: 45 days
- Carrots, Spinach, Parsnip, Radish: 30 days
- Cherries, Highbush Blueberry, Cranberry: 14 days

● **Caution:** Application to non-labeled crops will result in severe injury

Resistance Management

- Rotate herbicide groups to prevent resistance development.
- Use tank mixes with different modes of action when possible.
- Monitor weed populations for signs of resistance.

Use of these products must comply with the label requirements. Always check and follow the most up-to-date label before application.



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